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IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

APPLICANTS: Dan Meisburger, Alan D. Brodie, Zhong-Wei Chen, Jack Y. Jau,
Paul Sandland, Richard Simmons, Dave E. A. Smith, Hans Dohse,
Dennis G. Emge, John Greene, Lee Veneklasen, Ming-Yie Ling,
Surendra G. Lele, Kirkwood Rough

APPLICATION NO.: 10/801,362

FILING DATE: March 15, 2004

TITLE: Inspecting Optical Masks With Electron Beam Microscopy

EXAMINER: Unknown

GROUP ART UNIT: 1756

ATTY. DKT. NO.: 22120-08965

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: November 04, 2004

By: Laura Majerus
Laura A. Majerus, Reg. No. 33,417

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

2nd REQUEST FOR CORRECTED FILING RECEIPT

SIR:

Enclosed is a copy of the Official Filing Receipt. It contains the following errors:

1. The middle initial of applicant Surendra G. Lele is omitted. The correct name of the applicant is Surendra G. Lele, as evidenced by last page of the Declaration of the parent application, a copy of which is attached.

2. The above-referenced application is a continuation of pending serial no. 09/502,534, filed on February 10, 2000; the subject matter of the present reissue is related to co-

ending reissue serial no. 09/502,120, filed on February 10, 2000. Serial nos. 09/502,534 and 09/502,120 are each a reissue application for patent no. 5,717,204 issued February 10, 1998 (application no. 08/606,854 filed February 26, 1996), which is a continuation of 08/252,763 which is a CIP of 07/889,460, as evidenced by the third page of the Preliminary Amendment filed March 15, 2004 in this matter, a copy of which is enclosed.

This Filing Receipt should be corrected to indicate the middle initial of applicant Surendra G. Lele and the missing Continuing Data that this application "is a CON of 09/502,534 filed 02/10/2000, which is a REI of 08/606,854...."

Please issue a corrected Filing Receipt rectifying this error.

Respectfully submitted,
DAN MEISBURGER, ET AL.

Dated: November 04, 2004

By: Laura Majerus
Laura A. Majerus, Reg. No. 33,417
Fenwick & West LLP
Silicon Valley Center
801 California Street
Mountain View, CA 94041
Tel.: (650) 335-7152
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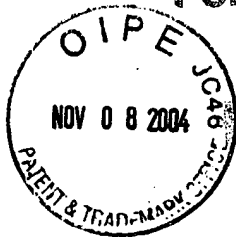


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| APPL NO. | FILING OR 371 (c) DATE | ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLMS | IND CLMS |
|------------|---------------------------|----------|---------------|-----------------|----------|----------|----------|
| 10/801,362 | 03/15/2004 | 1756 | 2254 | 22120-08965 | 20 | 57 | 10 |

Laura A. Majerus, Esq.
Finwick & West LLP
Two Palo Alto Square
Palo Alto, CA 94306



OCT 25 2004

Received

CONFIRMATION NO. 4849

CORRECTED FILING RECEIPT



OC000000014162488

Date Mailed: 10/21/2004

Receipt is acknowledged of this reissue Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Dan Meisburger, San Jose, CA;
Alan D. Brodie, Palo Alto, CA;
Zhong-Wei Chen, San Jose, CA;
Jack Y. Jau, Los Altos Hills, CA;
Paul Sandland, Residence Not Provided;
Richard Simmons, Los Altos, CA;
David E. A. Smith, San Mateo, CA;
Hans Dohse, Sunnyvale, CA;
Dennis D. Emge, Naperville, IN;
John Greene, Residence Not Provided;
Lee Veneklasen, Castro Vally, CA;
Ming-Yie Ling, Saratoga, CA;
G, Surendra Lele, Cupertino, CA;
Kirkwood Rough, Residence Not Provided;

Power of Attorney:

Laura Majerus-33417
Trinidad Arriola-Kern-44012

Domestic Priority data as claimed by applicant

This application is a REI of 08/606,854 02/26/1996 PAT 5,717,204
which is a CON of 08/252,763 06/02/1994 ABN
which is a CIP of 07/889,460 05/27/1992 ABN

Foreign Applications

If Required, Foreign Filing License Granted: 08/04/2004

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/801,362**

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

Title

Inspecting optical masks with electron beam microscopy

Preliminary Class

430

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

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NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



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REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)
4765

As a below named inventor, I hereby declare that:
My residence, post office address and citizenship are stated below next to my name.
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 5,717,204, granted February 10, 1998, and for which a reissue patent is sought on the invention entitled Inspecting Optical Masks With Electron Beam Microscopy the specification of which ☐ is attached hereto.

☒ was filed on February 10, 2000 as reissue application number 09 / 502,534 and was amended on _____ (If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

- ☐ by reason of a defective specification or drawing.
- ☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.
- ☒ by reason of other errors.

At least one error upon which reissue is based is described as follows:

My intent to claim all disclosed embodiments of the invention was not carried out through the course of prosecution of unnecessarily restricted claims by my former attorney of record.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)
4765

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Name(s) Registration Number

Laura A. Majerus 33,417

Trinidad Arriola Kern 44,012

Correspondence Address: Direct all communications about the application to:

☐ Customer Number

OR

Type Customer Number here

Place Customer Number Bar
Code Label here

| | | | | | |
|-------------------------------------------------------------|-------------------------------|-------|-----------------------|-----|--------------|
| <input checked="" type="checkbox"/> Firm or Individual Name | Fenwick & West LLP | | | | |
| Address | Two Palo Alto Square | | | | |
| Address | | | | | |
| City | Palo Alto | State | CA | ZIP | 94306 |
| Country | U.S.A. | | | | |
| Telephone | (650) 494-0600 | Fax | (650) 494-1417 | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)
Dan Meisburger

Inventor's signature

Residence **1507 Montalban Drive**
San Jose, CA 95120-4830

Date

Post Office Address

Citizenship

Full name of second joint inventor (given name, family name)
Alan D. Brodie

Inventor's signature

Alan D. Brodie

Date

9/7/00

Residence **998 Van Auken Circle**
Palo Alto, CA 94303

Citizenship

Post Office Address

Full name of third joint inventor (given name, family name)
Zhong-Wei Chen

Inventor's signature

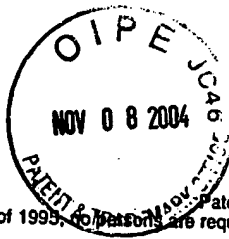
Date

Residence **1561 Blaney Avenue**
San Jose, CA 95129

Citizenship

Post Office Address

☒ Additional joint inventors are named on separately numbered sheets attached hereto.



Please type a plus sign (+) inside this box → ☐

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PTO/SB/02A (3-97)
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| | |
|--------------------|----------------------------------------------------------------------------------|
| DECLARATION | ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>4</u> |
|--------------------|----------------------------------------------------------------------------------|

| | | | |
|--------------------------------------------|----------------------|-------------------------------------------------------------------------------|--------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Jack Y. | | Jau | |
| Inventor's Signature | <i>Jack Jau</i> | | Date |
| Residence: City | Los Altos Hills | State | CA |
| | | Country | U.S.A. |
| Post Office Address | 11020 Magdalena Road | | |
| Post Office Address | | | |
| City | Los Altos Hills | State | CA |
| | | ZIP | 94024 |
| | | Country | U.S.A. |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Paul | | Sandland | |
| Inventor's Signature | | | Date |
| Residence: City | | State | |
| | | Country | |
| Post Office Address | | | |
| Post Office Address | | | |
| City | | State | |
| | | ZIP | |
| | | Country | |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| Richard | | Simmons | |
| Inventor's Signature | | | Date |
| Residence: City | | State | |
| | | Country | |
| Post Office Address | | | |
| Post Office Address | | | |
| City | | State | |
| | | ZIP | |
| | | Country | |

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| DECLARATION | ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>2</u> of <u>4</u> |
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| | | | | | | | |
|--------------------------------------------|-------------------------|-------------------------------------------------------------------------------|------------------------|---------|---------|-------------|--------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle (if any)) | | | Family Name or Surname | | | | |
| Dave E. A. | | | Smith | | | | |
| Inventor's Signature | <i>Dave E. A. Smith</i> | | | Date | 9/6/00 | | |
| Residence: City | San Mateo | State | CA | Country | USA | Citizenship | USA |
| Post Office Address | 4022 Kingridge Drive | | | | | | |
| Post Office Address | | | | | | | |
| City | San Mateo | State | CA | ZIP | 94403 | Country | USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle (if any)) | | | Family Name or Surname | | | | |
| Hans | | | Dohse | | | | |
| Inventor's Signature | <i>Hans Dohse</i> | | | Date | 9/6/00 | | |
| Residence: City | Sunnyvale | State | CA | Country | U.S.A. | Citizenship | U.S.A. |
| Post Office Address | 1073 Sargent Dr | | | | | | |
| Post Office Address | | | | | | | |
| City | Sunnyvale | State | CA | ZIP | 94087 | Country | U.S.A. |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle (if any)) | | | Family Name or Surname | | | | |
| Dennis G. | | | Emge | | | | |
| Inventor's Signature | <i>Dennis G. Emge</i> | | | Date | 9/11/00 | | |
| Residence: City | Naperville | State | IL | Country | USA | Citizenship | Y |
| Post Office Address | 1853 Paddington Ave | | | | | | |
| Post Office Address | | | | | | | |
| City | Naperville | State | IL | ZIP | 60563 | Country | |

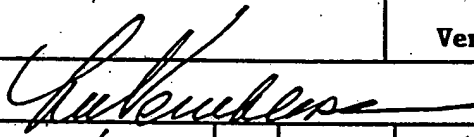
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| DECLARATION | ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>3</u> of <u>4</u> |
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| | | | | | | | |
|--------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----|------------------------|--------|-------------|---------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle (if any)) | | | | Family Name or Surname | | | |
| John | | | | Greene | | | |
| Inventor's Signature | | | | | | Date | |
| Residence: City | | State | | Country | | Citizenship | |
| Post Office Address | | | | | | | |
| Post Office Address | | | | | | | |
| City | | State | | ZIP | | Country | |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle (if any)) | | | | Family Name or Surname | | | |
| Lee | | | | Veneklasen | | | |
| Inventor's Signature |  | | | | | Date | 8/30/00 |
| Residence: City | Castro Valley | State | CA | Country | USA | Citizenship | USA |
| Post Office Address | | | | | | | |
| 3445 Baedding Rd. | | | | | | | |
| Post Office Address | | | | | | | |
| Castro Valley, CA 94546 | | | | | | | |
| City | | State | | ZIP | | Country | |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle (if any)) | | | | Family Name or Surname | | | |
| Ming-Yie | | | | Ling | | | |
| Inventor's Signature | | | | | | Date | |
| Residence: City | Saratoga | State | CA | Country | U.S.A. | Citizenship | U.S.A. |
| Post Office Address | | | | | | | |
| 19584 Via Monte Drive | | | | | | | |
| Post Office Address | | | | | | | |
| City | Saratoga | State | CA | ZIP | 95070 | Country | U.S.A. |

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| | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------------|-----------------------|
| (REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2) | | Docket Number (Optional) 4765 | |
| <p>All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.</p> | | | |
| Name(s) | | Registration Number | |
| <u>Laura A. Majerus</u> | | <u>33,417</u> | |
| <u>Trinidad Arriola Kern</u> | | <u>44,012</u> | |
| <p>Correspondence Address: Direct all communications about the application to:</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <input type="checkbox"/> Customer Number OR Type Customer Number here </div> <div style="width: 35%; border: 1px solid black; padding: 5px; text-align: center;"> Place Customer Number Bar Code Label here </div> </div> | | | |
| <input checked="" type="checkbox"/> Firm or Individual Name | Fenwick & West LLP | | |
| Address | Two Palo Alto Square | | |
| Address | | | |
| City | Palo Alto | State | CA |
| Country | U.S.A. | | |
| Telephone | (650) 494-0600 | Fax | (650) 494-1417 |
| <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.</p> | | | |
| Full name of sole or first inventor (given name, family name) Dan Meisburger | | | |
| Inventor's signature | | | |
| Residence 1507 Montalban Drive San Jose, CA 95120-4830 | | Date | |
| Post Office Address | | Citizenship | |
| Full name of second joint inventor (given name, family name) Alan D. Brodie | | | |
| Inventor's signature | | Date | |
| Residence 998 Van Auken Circle Palo Alto, CA 94303 | | Citizenship | |
| Post Office Address | | | |
| Full name of third joint inventor (given name, family name) Zhong-Wei Chen | | | |
| Inventor's signature | | Date 9/8/2000 | |
| Residence 1561 Blaney Avenue San Jose, CA 95129 | | Citizenship | |
| Post Office Address | | | |
| <input checked="" type="checkbox"/> Additional joint inventors are named on separately numbered sheets attached hereto. | | | |



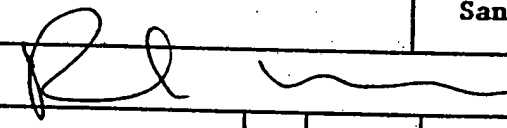
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| DECLARATION | ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>4</u> |
|--------------------|-----------------------------------------------------------------------------------------|

| | | | | | | | |
|--------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----|---------|--------|-------------|-------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle (if any)) | | Family Name or Surname | | | | | |
| Jack Y. | | Jau | | | | | |
| Inventor's Signature | | | | | | Date | |
| Residence: City | Los Altos Hills | State | CA | Country | U.S.A. | Citizenship | |
| Post Office Address | 11020 Magdalena Road | | | | | | |
| Post Office Address | | | | | | | |
| City | Los Altos Hills | State | CA | ZIP | 94024 | Country | U.S.A. |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle (if any)) | | Family Name or Surname | | | | | |
| Paul | | Sandland | | | | | |
| Inventor's Signature |  | | | | | Date | 15 SEP 2000 |
| Residence: City | | State | | Country | | Citizenship | |
| Post Office Address | | | | | | | |
| Post Office Address | | | | | | | |
| City | | State | | ZIP | | Country | |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle (if any)) | | Family Name or Surname | | | | | |
| Richard | | Simmons | | | | | |
| Inventor's Signature | | | | | | Date | |
| Residence: City | | State | | Country | | Citizenship | |
| Post Office Address | | | | | | | |
| Post Office Address | | | | | | | |
| City | | State | | ZIP | | Country | |

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PTO/SB/02A (3-97)

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| DECLARATION | ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>4</u> |
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| | | | | | | | |
|--------------------------------------------|----------------------|-------------------------------------------------------------------------------|----|---------|--------|-------------|--------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle (if any)) | | Family Name or Surname | | | | | |
| Jack Y. | | Jau | | | | | |
| Inventor's Signature | | | | | Date | | |
| Residence: City | Los Altos Hills | State | CA | Country | U.S.A. | Citizenship | |
| Post Office Address | 11020 Magdalena Road | | | | | | |
| Post Office Address | | | | | | | |
| City | Los Altos Hills | State | CA | ZIP | 94024 | Country | U.S.A. |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle (if any)) | | Family Name or Surname | | | | | |
| Paul | | Sandland | | | | | |
| Inventor's Signature | | | | | Date | | |
| Residence: City | | State | | Country | | Citizenship | |
| Post Office Address | | | | | | | |
| Post Office Address | | | | | | | |
| City | | State | | ZIP | | Country | |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle (if any)) | | Family Name or Surname | | | | | |
| Richard | | Simmons | | | | | |
| Inventor's Signature | Richard Simmons | | | | Date | 9-19-00 | |
| Residence: City | Los Altos | State | CA | Country | USA | Citizenship | US |
| Post Office Address | 44 Alvarado Avenue | | | | | | |
| Post Office Address | | | | | | | |
| City | Los Altos | State | CA | ZIP | 94022 | Country | USA |

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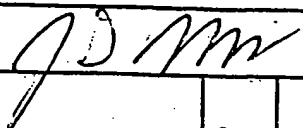
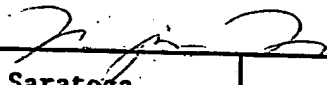
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PTO/SB/02A (3-97)

DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 3 of 4

| | | | | | | | |
|--------------------------------------------|-------------------------------------------------------------------------------------|-------|---------|-------------------------------------------------------------------------------|-------------|-------------|--------|
| Name of Additional Joint Inventor, if any: | | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | |
| Given Name (first and middle [if any]) | | | | Family Name or Surname | | | |
| John | | | | Greene | | | |
| Inventor's Signature |  | | | Date | | Sept 00 | |
| Residence: City | State | | Country | | Citizenship | | |
| Post Office Address | | | | | | | |
| Post Office Address | | | | | | | |
| City | State | | ZIP | | Country | | |
| Name of Additional Joint Inventor, if any: | | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | |
| Given Name (first and middle [if any]) | | | | Family Name or Surname | | | |
| Lee | | | | Veneklasen | | | |
| Inventor's Signature | | | | Date | | | |
| Residence: City | State | | Country | | Citizenship | | |
| Post Office Address | | | | | | | |
| Post Office Address | | | | | | | |
| City | State | | ZIP | | Country | | |
| Name of Additional Joint Inventor, if any: | | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | |
| Given Name (first and middle [if any]) | | | | Family Name or Surname | | | |
| Ming-Yie | | | | Ling | | | |
| Inventor's Signature |  | | | Date | | 9/15/00 | |
| Residence: City | Saratoga | State | CA | Country | U.S.A. | Citizenship | U.S.A. |
| Post Office Address 19584 Via Monte Drive | | | | | | | |
| Post Office Address | | | | | | | |
| City | Saratoga | State | CA | ZIP | 95070 | Country | U.S.A. |

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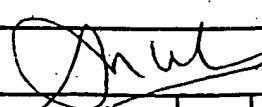
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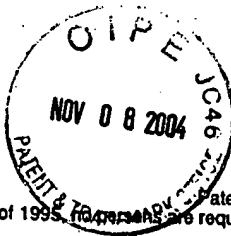
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DECLARATION

ADDITIONAL INVENTOR(S)
Supplemental Sheet
Page 4 of 4

| | | | | | | | |
|--------------------------------------------|-----------------------------------------------------------------------------------|-------|----|-------------------------------------------------------------------------------|-----------|-------------|--------|
| Name of Additional Joint Inventor, if any: | | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | |
| Given Name (first and middle (if any)) | | | | Family Name or Surname | | | |
| Surendra G. | | | | Lele | | | |
| Inventor's Signature |  | | | Date | 8/31/2007 | | |
| Residence: City | Cupertino | State | CA | Country | U.S.A. | Citizenship | U.S.A. |
| Post Office Address | 21763 Reguart Court Regnart | | | | | | |
| Post Office Address | | | | | | | |
| City | Cupertino | State | CA | ZIP | 95014 | Country | U.S.A. |
| Name of Additional Joint Inventor, if any: | | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | |
| Given Name (first and middle (if any)) | | | | Family Name or Surname | | | |
| Kirkwood | | | | Rough | | | |
| Inventor's Signature | | | | Date | | | |
| Residence: City | | State | | Country | | Citizenship | |
| Post Office Address | | | | | | | |
| Post Office Address | | | | | | | |
| City | | State | | ZIP | | Country | |
| Name of Additional Joint Inventor, if any: | | | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | |
| Given Name (first and middle (if any)) | | | | Family Name or Surname | | | |
| | | | | | | | |
| Inventor's Signature | | | | Date | | | |
| Residence: City | | State | | Country | | Citizenship | |
| Post Office Address | | | | | | | |
| Post Office Address | | | | | | | |
| City | | State | | ZIP | | Country | |

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| DECLARATION | ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>4</u> of <u>4</u> |
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| | | | | | | | |
|--------------------------------------------|---------------------|-------------------------------------------------------------------------------|----|------------------------|--------|-------------|--------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle (if any)) | | | | Family Name or Surname | | | |
| Surendra G. | | | | Lele | | | |
| Inventor's Signature | | | | | | Date | |
| Residence: City | Cupertino | State | CA | Country | U.S.A. | Citizenship | U.S.A. |
| Post Office Address | 21763 Ragnart Court | | | | | | |
| Post Office Address | | | | | | | |
| City | Cupertino | State | CA | ZIP | 95014 | Country | U.S.A. |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle (if any)) | | | | Family Name or Surname | | | |
| Kirkwood | | | | Rough | | | |
| Inventor's Signature | | | | | | Date | 9/8/00 |
| Residence: City | | State | | Country | | Citizenship | |
| Post Office Address | | | | | | | |
| Post Office Address | | | | | | | |
| City | | State | | ZIP | | Country | |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | | | | | |
| Given Name (first and middle (if any)) | | | | Family Name or Surname | | | |
| | | | | | | | |
| Inventor's Signature | | | | | | Date | |
| Residence: City | | State | | Country | | Citizenship | |
| Post Office Address | | | | | | | |
| Post Office Address | | | | | | | |
| City | | State | | ZIP | | Country | |

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PATENT AND TRADEMARK OFFICE**

APPLICANTS: Dan Meisburger, Alan D. Brodie, Zhong-Wei Chen, Jack Y. Jau, Paul Sandland, Richard Simmons, Dave E. A. Smith, Hans Dohse, Dennis G. Emge, John Greene, Lee Veneklasen, Ming-Yie Ling, Surendra G. Lele, Kirkwood Rough

SERIAL NO.: Continuation of 09/502,534

PARENT FILING DATE: February 10, 2000

TITLE: Inspecting Optical Masks With Electron Beam Microscopy

EXAMINER: Unknown

GROUP ART UNIT: Unknown

APPY. DR. P. NO. 22120-08965

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including the enclosures identified herein, are being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Mail Stop Patent Application, Commissioner For Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date shown below. This correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10: Express Mail No. EV 442673984 US.

Dated: March 15, 2004

By: _____
Laura A. Majerus, Reg. No. 33,417

**MAIL STOP PATENT APPLICATION
COMMISSIONER FOR PATENTS
P. O. BOX 1450
ALEXANDRIA, VA 22313-1450**

PRELIMINARY AMENDMENT

Sir:

This application is a continuation of pending application number 09/502,534, filed on February 10, 2000, which was a reissue application for patent no. 5,717,204 issued February 10, 1998, which is a continuation of 08/252,763, which is a CIP of 07/889,460, and is in response to the Notice of Appeal filed August 14, 2003, which established a non-statutory period for filing an

appellate brief that expired on March 14, 2004 (a Sunday). A fee for a five-month extension of time is included herewith.

IN THE SPECIFICATION

After the section title "CROSS REFERENCE", but before the section title "FIELD OF THE INVENTION", please insert the following paragraph:

~~This application is a continuation of the U.S. Reissue Application Serial No. 09/502,534~~
~~the subject matter of the present reissue application is related to co-pending reissue application~~
entitled Inspecting Optical Masks With Electron Beam Microscopy, said application having
~~Serial No. 09/502,120, which reissue application was also filed on February 10, 2000. The~~
~~reissue application Serial No. 09/502,534 and the co-pending reissue application Serial No.~~
~~09/502,120~~ are each a reissue of U.S. Application No. 08/606,854 filed February 26, 1996, now
U.S. Patent No. 5,717,204, which is a continuation of 08/252,763, which is a CIP of 07/889,460.

Please delete the paragraph at col. 11, lines 19-37 and replace it with the following:

--The diameter of the scanning beam 100 and its current are determined by several factors. The angular emission from the source (1.0 [Ma]mA/steradians), and the aperture angle defined by final aperture 99 determine the beam current. The probe diameter is determined by aberrations in both lenses, which are designed for high excitation (field width/focal length) to minimize both spherical and chromatic aberration. The effect of beam interactions (i.e. statistical blurring due to repulsion between individual beam electrons) are also important in this high current system, accounting for about half the probe size on substrate 57. These effects are minimized by avoiding intermediate crossovers, by using a short beam path (40 cm.) and by using lenses with relatively large half angles at the source and substrate 57. To obtain a given spot size, the aperture diameter is chosen to balance all these effects while providing maximum



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| | | | |
|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------|----------------|
| TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i> | U.S. Department of Commerce Patent and Trademark Office | Application Number | 10/801,362 |
| | | Filing Date | March 15, 2004 |
| | | First Named Inventor | Dan Meisburger |
| | | Group Art Unit Number | 1756 |
| | | Examiner Name | Unknown |
| Total Number of Pages in This Submission | 19 | Attorney Docket Number | 22120-08965 |

| ENCLOSURES (check all that apply) | |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Fee Transmittal Form (in duplicate) <input type="checkbox"/> Check Enclosed | <input type="checkbox"/> Issue Fee Transmittal |
| <input checked="" type="checkbox"/> Return Receipt Postcard | <input type="checkbox"/> Letter to Chief Draftsperson |
| <input type="checkbox"/> Response to Notice to File Missing Parts | <input type="checkbox"/> Formal Drawing(s): [] Sheet(s) of Figure(s) [] |
| <input type="checkbox"/> Assignment & Recordation Cover Sheet | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input checked="" type="checkbox"/> Copy of Declaration from 09/502,534 | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> Power of Attorney | <input type="checkbox"/> Certified Copy of Priority Document(s) |
| <input type="checkbox"/> Application Data Sheet | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Information Disclosure Statement & PTO/SB/08A <input type="checkbox"/> Copies of IDS Cited References | <input checked="" type="checkbox"/> Copy of Corrected Filing Receipt |
| <input checked="" type="checkbox"/> 2 nd Request for Corrected Filing Receipt | <input checked="" type="checkbox"/> Copy of pages 1-3 of Preliminary Amendment |
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| <input type="checkbox"/> Revocation and Substitute Power of Attorney | <input type="checkbox"/> |
| REMARKS: | |

| SIGNATURE OF ATTORNEY OR AGENT | | | |
|--------------------------------|-----------------------------------|--------|------------------|
| Signature: | <i>Laura Majerus</i> | | |
| Attorney/Reg. No.: | Laura A. Majerus, Reg. No. 33,417 | Dated: | November 4, 2004 |

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| Signature: | <i>Laura Majerus</i> | | |
| Typed or Printed Name: | Laura A. Majerus | Dated: | November 4, 2004 |
| Express Mail Mailing Number (optional): | | | |